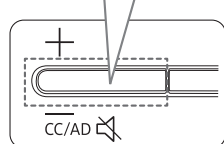# SAMSUNG

BN68-20836A-X0

About the Samsung SolarCell Remote (Samsung Smart Remote)

The **Accessibility Shortcuts** button on your remote provides easy access to the accessibility functions on your TV.
For more information, refer to the next page.

For battery recycling go to call2recycle.org; or call 1-800-822-8837

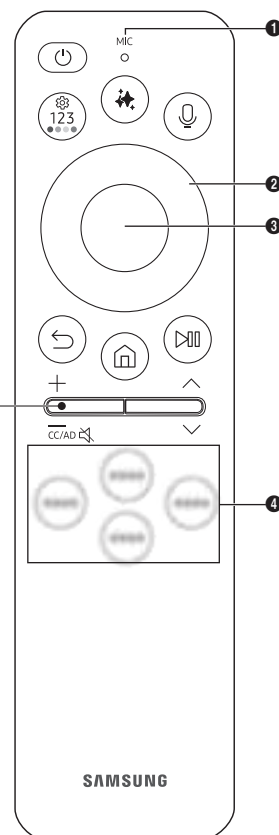Press and hold the Volume button to display the **Accessibility Shortcuts** menu.

CC/AD

* CC/VD works the same as CC/AD. The marked name can be changed to CC/AD.

☀ **Solar Cell**
Expose to light when the remote is not in use. This will extend the remote's operating time.

USB port (C-type) for charging
Used for quick charging. The LED on the front will light when charging. When the battery is fully charged, the LED will turn off.
- The USB Cable is not provided.

⚠ **Fire or explosion may occur, resulting in damage to the remote control or personal injury.**
- Do not apply shock to the remote control.
- Be careful not to let foreign substances such as metal, liquid, or dust come in contact with the charging terminal of the remote control.
- When the remote control is damaged or you smell smoke or burning fumes, immediately stop operation and then repair it at the Samsung service center.
- Do not arbitrarily disassemble the remote control.
- Be careful not to let infants or pets suck or bite the remote control. Fire or explosion may occur, resulting in damage to the remote control or personal injury.

Button	Description
⏻ (Power)	Press to turn the TV on or off. For The Frame model, When watching TV, press to switch to **Art** mode. In **Art** mode, press to switch to the **Home** screen. Press and hold to turn off the TV completely.
❶ MIC / LED	Used as MIC when using voice recognition with the remote control. When charging the remote control via the USB port, the LED is lit if charging is in progress. When charging is complete, the LED is turned off. • Do not impact the MIC hole or use a sharp object to poke into the hole.
✦ (AI Discovery)	If this button is pressed while watching TV, users are provided with recommendations related to the current content. • Types of recommendations may differ, depending on the content provider. • This function may not be supported depending on the model or geographical area.
🎤 (Voice Assistant)	Runs Voice Assistant. Press and hold the button, say a command, and then release the button to run Voice Assistant. • The supported Voice Assistant's languages and features may differ by geographical region. ⚠ Keep the remote more than 0.6 inches (15.24 mm) from your face when using and speaking to Voice Assistant through the mic on the remote.
⚙123 (Settings - Number - Color button)	You can access Settings menu / virtual numeric pad / Color buttons / Option pad / SmartThings app directly. • Accessing the SmartThings app using this button may not be supported, depending on the model. • Use this button to access additional options that are specific to the feature in use. • Press to bring up the virtual numeric pad on the screen. Use the numeric keypad to enter numeric values. Select numbers and then select **Done** or **Enter Number** to enter a numeric value. Use to change the channel, enter a PIN, enter a ZIP code, etc.
❷ Directional button (up, down, left, right)	Use to navigate the menu or move the focus to highlight items on the Home Screen.
❸ Select	Selects or runs a focused item. When pressed while you are watching a broadcast program, detailed program information appears.
↰ (Return)	Press to return to the previous menu. When pressed for 1 second or more, the running function is terminated. When pressed while you are watching a program, the previous channel appears.
⌂ (Smart Hub)	Press to switch to the Home Screen.
▶‖ (Play/pause)	When pressed, the playback controls appear. Using these controls, you can control the media content that is playing. To use Game Bar, press and hold the button in **Game Mode**. • Game Bar may not be supported depending on the model or geographical area.
✛ / ▬ (Volume)	Move the button up or down to adjust the volume. To mute the sound, press the button. • 🔇 may not be present, depending on the model.
⌃ / ⌄ (Channel)	Move the button up or down to change the channel. To see the **Guide** screen, press the button. When pressed for 1 second or more, the **Channel List** screen appears. Press and hold the button up or down to quickly change the channel.
❹ Launch app button	Launch the app indicated by the button. • Available apps may differ depending on the geographical area or contents provider.
↰ + ▶‖ (Pairing)	If the Samsung Smart Remote does not pair to the TV automatically, point it at the front of the TV, and then press and hold the ↰ and ▶‖ buttons simultaneously for 3 seconds or more.

– Use the Samsung Smart Remote less than 20 feet (6 m) from the TV. The usable distance may vary with the wireless environmental conditions.
– The images, buttons, and functions of the Samsung Smart Remote may differ with the model or geographical area.
– The Universal Remote function operates normally only when you use the Samsung Smart Remote that comes with the TV.
– It is recommended to use an original Samsung charger. Otherwise, it may cause performance degradation or failure of the product. In this case, the warranty service is not applicable.
– When the remote control does not work due to low battery, charge it by using the USB-C type port.
– If the orientation of the remote control is incorrect, some TV models may display an alert asking users to hold it correctly. To turn off the alert, access **Remote Grip Sensor** (⌂ 〉 ☰ (left directional button) 〉 ⚙ **Settings** 〉 **All Settings** 〉 **General & Privacy** 〉 **Power and Energy Saving** 〉 **Remote Grip Sensor**)

Using Accessibility Functions (may differ with model)

Accessing your TV's accessibility functions

The **Accessibility Shortcuts** button on your remote provides easy access to the accessibility functions on your TV.
- Press and hold the Volume button to display the **Accessibility Shortcuts** menu.
- Some functions may not appear depending on the access method.
- These functions may not be supported depending on the model or geographical area.

Voice Guide

You can activate voice guides that describe the menu options aloud to aid the visually impaired. To activate this function, set **Voice Guide** to **On**. With Voice Guide on, the TV provides voice guides for channel change, volume adjust, information on current and upcoming programs, schedule viewing, other TV functions, various content in the Web Browser, and in **Search**.
- You can configure the volume, speed, pitch, and level of the **Voice Guide**.
- The **Voice Guide** is provided in the language that is specified on the **Language** screen. **English** is always supported. However, some languages are not supported by **Voice Guide** even though they are listed in the **Language** screen.

Audio (Video) Description

You can activate an audio guide that provides an audio description of video scenes for the visually impaired. This function is only available with broadcasts that provide this service.

Audio Subtitles

This feature audibly reads captions displayed on video content. You can change the volume or speed of audible captions.

Picture Off

Turn off the TV screen and provide only sound to reduce overall power consumption. When you press any button on the remote control with the screen off, the TV screen is returned to on.

Magnification

Enlarge the screen to make the picture or text bigger. You can adjust the zoom level or move the zoom area.

High Contrast

You can change major service screens to white text on a black background or change the transparent TV menus to opaque so that text can be more easily read. To activate this function, set **High Contrast** to **On**.

Relumino Mode

This feature increases the contrast and brightness of the screen and emphasizes the outlines of images, so that viewers with low vision can see the screen more clearly.

Together Mode
Shows the screen displayed when **Relumino Mode** is turned on and the screen displayed when the mode is turned off, side by side simultaneously.

Zoom Menu and Text

You can enlarge the size of the font on the screen. To activate, set **Zoom Menu and Text** to **On**.

Grayscale

You can change the color of the TV screen to a black and white tone to sharpen blurred edges caused by colors.
- If Grayscale is on, some Accessibility menus are not available.

Color Inversion

You can invert the colors of the text and background for the setting menus displayed on the TV screen to make it easier to read them.
- If **Color Inversion** is on, some **Accessibility** menus are not available.

SeeColors Mode

This feature helps users with color blindness experience richer colors.
Use this feature to customize the colors for your unique viewing conditions, to experience richer colors on the screen.

Learn TV Remote

This function helps individuals with a visual impairment to learn the positions of the buttons on the remote control. When this function is activated, you can press a button on the remote control and the TV will tell you its name. Press the ⬅ (**Return**) button twice to exit **Learn TV Remote**.

Learn Menu Screen

Learn the menus on the TV screen. Once enabled, your TV will tell you the structure and features of the menus you select.

Caption

Set **Caption** to **On** to watch programs with the captions displayed.
- Captions are not displayed by programs that do not support captions.
- This function has no relationship with the features for controlling subtitles of DVD or Blu-ray players. To control DVD or Blu-ray subtitles, use the subtitle feature of the DVD or Blu-ray player and the player's remote control.

Auto Caption Position
Automatically adjust the caption position.

Separate Closed Caption
You can display the caption in the area separated from the broadcast screen.

Sign Language Zoom

You can zoom in the sign language screen when the program you are watching provides it. First, set **Sign Language Zoom** to **On**, and then select **Edit Sign Language Zoom** to change the position and magnification of the sign language screen.

Sign Language Guide

Provides a description of menu items with sign language.

Learn Gesture Functions

Check out how to use Gesture functions.

Multi-output Audio

You can turn on the TV speaker and a Bluetooth device at the same time. When this function is active, you can set the volume of the Bluetooth device higher than the volume of the TV speaker.

Slow Button Repeat

You can configure the operation speed of the remote control buttons so that they slow down when you continually press and hold them. Set **Slow Button Repeat** to **On**.

Auto Menu Sort

Automatically sorts your frequently used menu items.

Regulatory Compliance Statements

FCC Supplier's Declaration of ConformityResponsible Party – U.S. Contact Information:

Samsung Electronics America, Inc.

85 Challenger Road.

Ridgefield Park, NJ 07660

Phone: 1-800-SAMSUNG (726-7864)

FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Class B FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different fromthat to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

CALIFORNIA USA ONLY (Applicable for networking models only.)

This Perchlorate warning applies only to primary CR(Manganese Dioxide) Lithium coin cells in the product sold or distributed ONLY in California USA

"Perchlorate Material - special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate."

Dispose unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recycling Or call, 1-800-SAMSUNG

⚠ **WARNING: Cancer and Reproductive Harm - www. P65Warnings.ca.gov.**

WARRANTY

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required within the first month of ownership, return the product to the retailer from whom it was purchased. After that period, Samsung Call Center will comply with this warranty during the Warranty Period. To obtain details, please contact Samsung Call Center.

Avis conformité aux règlements

Canadian Caution

This equipment contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil et ses antennes ne doivent pas être installés ou utilisés conjointement avec d'autres antennes ou émetteurs.

ICES-003 Class B Notice - Avis NMB-003, Classe B

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numerique de la classe B est conforme a la norme NMB-003 du Canada.

GARANTIE

Ce produit Samsung est garanti pendant une période de douze (12) mois à compter de la date initiale d'achat contre tout défaut de matériaux et de fabrication. Dans le cas où une réparation couverte par la garantie serait nécessaire au cours du premier mois, vous devez retourner le produit au magasin où vous l'avez acheté. Après cette période, les centres de service autorisés de Samsung se conformeront à la présente garantie pendant toute sa durée. Pour de plus amples renseignements, veuillez communiquer avec le centre de service Samsung autorisé.

Hereby, Samsung declares that this radio equipment is in compliance with Directive 2014/53/EU and the relevant UK statutory requirements.

The full text of the declaration of conformity is available at the following internet address:

http://www.samsung.com go to Support and enter the model name.

This equipment may be operated in all EU countries and in the UK.

BT max transmitter power : 100mW at 2.4GHz – 2.4835GHz

Specifications and Other Information

Specifications

Operating Temperature	
0 °C to 85 °C (32 °F to 185 °F)	
Operating Humidity	
10 % to 80 %, non-condensing	
Storage Temperature	
-10 °C to 85 °C (14 °F to 185 °F)	
Storage Humidity	
5 % to 95 %, non-condensing	

What's in the Box?

Make sure the following items are included. If any items are missing, contact your dealer.

• Samsung Smart Remote

• User Manual

• Warranty Card / Regulatory Guide (Not available in some locations)